

airWay

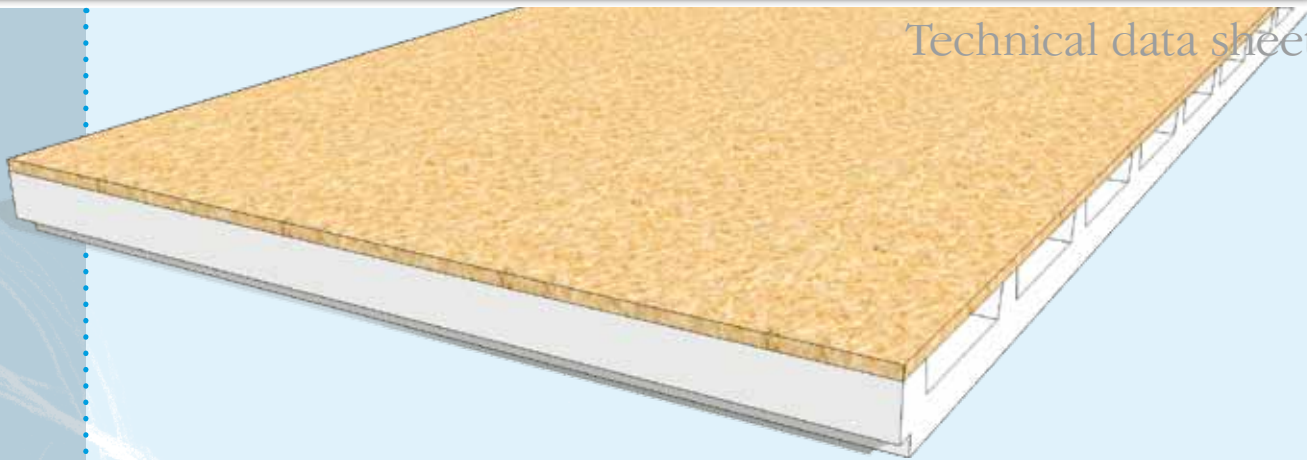
AIR ROOF SYSTEM **PBi**

White Panel



WHITE PANEL

Technical data sheet



Characteristics

- Panel composed of sintered expanded polystyrene, selfextinguishing, cut in blocks and 1 cm OSB wood
- Reduced size 1,22 m x 2,44 m
- Panel total thickness of 90 mm
- Ventilation chamber thickness of 4 cm
- Insulation material thickness 4 cm
On request also available thicknesses of 5, 6, 8, 10, 12, 14 cm
- Extreme light weight of the panel pack, only 6,5 kg/m²
- Remarkable compressive strength: approx. 100 kPa
- With 2 sided shiplap edge

Advantages

- Rapid laying thanks to modular design
- Extreme light weight of the panel pack
- Remarkable compressive strength
- The system is composed of materials that can be easily shaped with normal wood saws
- Continuity of insulation ensured by jointing on 2 sides

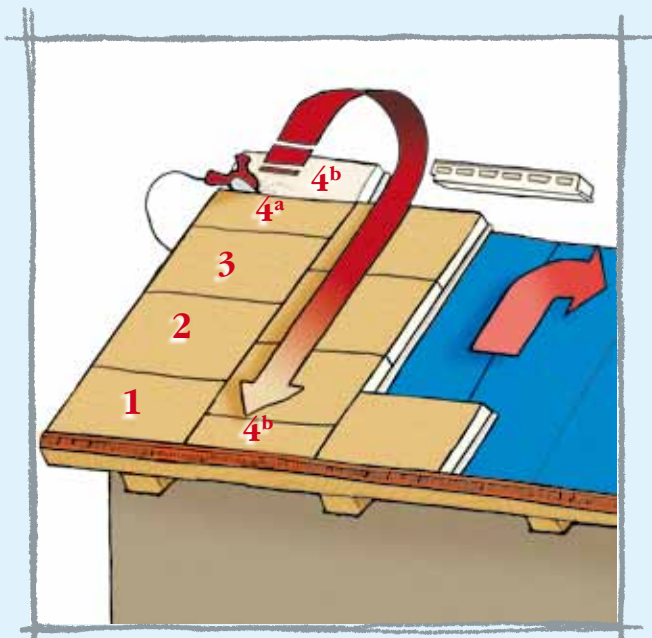
Technical data

Technical Characteristics	Reference norm	Measure Units	Value
Size		m	1,22 x 2,44
Thickness		mm	90
Weight		kg/m ²	6,5
EPS			100
Thermal conductivity	EN 12667	W/mK	0,036
Compressive strength	EN 826	kPa	100
Vapour diffusion factor	EN 12086	μ	30/70
Polystyrene thermal capacity		J/(Kg.K)	1450
Upper side finish			OSB



WHITE PANEL

Laying AIRWAY panel



Start the laying
of the panel from the
ridge line

**LEFT
TO RIGHT**
laying direction

Panels must be laid in the direction
of their length along the line of
maximum slope.

Lay the first panel in the upper
left or right corner of the roof
covering, along the ridge line,
while maintaining the male joint
at the lower right*.

Lay the next panels, until reaching
the eaves module.

Cut off the excess part of the
panel.

Use the panel cut as the first panel
to start the second row.

Repeat all the operations above
until the roof is finished.

* *Airway* panels can be fastened to roofs
with slopes of more than 35% using the
Thermofix system.